Bell Hydromatics

Oil Coolers

Features :

- Oil has a higher boiling point than water, so it can be used to cool items 100°C or higher.
- Used in heat transfers of fluids, lubricating, transformer & quenching oils.
- These coolers can be designed for high pressure circuits.
- Oil is an electrical insulator; thus, it can be used inside of or in direct contact with electrical components.

TECHNICAL SPECIFICATION																	
KW	HP	KCal/Hr	LPM	SIZE	A	B	C	D	E	F	G	N1	N2	N3	N4	N5	N6
1.5	2	1400	15	4X18	438	288	58	70	114	152	125	4" BSP	1" BSP	1" BSP	1" BSP	1" BSP	14" BSP
2	J	2200	20	4X20	488	338	58	70	114	152	125	4" BSP	3" BSP	1" BSP	1" BSP	4" BSP	4" BSP
3	5	3000	30	4X24	590	420	58	75	114	152	125	4" BSP	1" BSP	1" BSP	1" BSP	1" BSP	14" BSP
5	7.5	4750	50	4X30	743	563	58	75	114	152	125	4" BSP	3" BSP	1" BSP	1" BSP	1" BSP	4" BSP
7	10	6000	60	5X24	590	420	65	75	127	175	150	1" BSP	1" BSP	141" BSP	14" bsp	14" BSP	14" BSP
10	15	9500	80	5X30	743	563	65	75	127	175	150	1" BSP	1" BSP	141" BSP	114" bsp	14" BSP	14" BSP
14	20	13000	125	6X24	590	400	90	85	154	200	170	1.5" NB	1.5" NB	1.5" BSP	1.5" BSP	1" BSP	14" BSP
18	25	17500	150	6X30	743	553	90	85	154	200	170	1.5" NB	1.5" NB	1.5" BSP	1.5" BSP	1" BSP	14" BSP
22	30	23500	200	8X24	590	400	115	85	203	250	200	1.5" NB	1.5" NB	2" BSP	2" BSP	3" BSP	3" BSP
28	40	31000	250	8X24	590	400	115	85	203	250	200	1.5" NB	1.5" NB	2" BSP	2" BSP	3" BSP	3" BSP
36	50	34000	300	8X30	743	553	115	85	203	250	200	1.5" NB	1.5" NB	2" BSP	2" BSP	3" BSP	3" BSP
44	60	37500	350	8X36	895	705	115	110	203	250	200	2" NB	2" NB	2.5" BSP	2.5" BSP	3" BSP	3" BSP
52	70	43750	400	8X42	1048	828	115	125	203	250	200	2.5" NB	2.5" NB	2.5" BSP	2.5" BSP	3" BSP	3" BSP
58	80	58000	450	8X48	1200	950	115	125	203	250	200	2.5" NB	2.5" NB	2.5" BSP	2.5" BSP	3" BSP	3" BSP

Design Data		
	SHELL SIDE	TUBE SIDE
Fluid Circuilated	OIL	WATER
No of Passes	ONE	TWO
Design Temprature °C	100	50
Design Pressure Kg/Sq cm	10	5
Hydro Test Pressure Kg/Sq cm	15	7.5